

# Permit to Operate

**FACILITY:** N-2174

**EXPIRATION DATE:** 09/30/200

**LEGAL OWNER OR OPERATOR:** SILGAN CONTAINERS MFR. CORP.

**MAILING ADDRESS:** 3250 PATTERSON ROAD  
RIVERBANK, CA 95367

**FACILITY LOCATION:** 3250 PATTERSON ROAD  
RIVERBANK, CA 95367

**FACILITY DESCRIPTION:** CAN AND CONTAINER MANUFACTURING

The Facility to Operate may include Facility-wide Requirements as well as requirements that apply to specific permit units.

The Permit to Operate remains valid through the permit expiration date listed above, subject to payment of annual permit fees and compliance with permit conditions and all applicable local, state, and federal regulations. This permit is valid only at the location specified above, and becomes void upon any transfer of ownership or location. Any modification of the equipment or operation, as defined in District Rule 2201, will require prior District approval. This permit shall be posted as prescribed in District Rule 2010.

**DAVID L. CROW**

Executive Director / APCO

**Seyed Sadredin**

Director of Permit Services

**Initial TV Permit**  
**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** N-2174-0-1

**EXPIRATION DATE:** 09/30/2002

**EQUIPMENT DESCRIPTION:**

## **PERMIT UNIT REQUIREMENTS**

1. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)]
2. The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)]
3. The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0]
4. Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020 (7/21/94). [District Rule 2010, 3.0 and 4.0; 2020; and County Rule 201 (in all eight counties in the San Joaquin Valley)]
5. The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.9.1 and 9.13.1]
6. A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031]
7. Every application for a permit required under Rule 2010 (12/17/92) (Permits Required) shall be filed in a manner and form prescribed by the District. [District Rule 2040]
8. The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.5.1]
9. The operator shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, or report. Support information includes copies of all reports required by the permit and, for continuous monitoring instrumentation, all calibration and maintenance records and all original strip-chart recordings. [District Rule 2520, 9.5.2]
10. The operator shall submit reports of any required monitoring at least every six months unless a different frequency is required by an applicable requirement. All instances of deviations from permit requirements must be clearly identified in such reports. [District Rule 2520, 9.6.1]
11. Deviations from permit conditions must be promptly reported, including deviations attributable to upset conditions, as defined in the permit. For the purpose of this condition, promptly means as soon as reasonably possible, but no later than 10 days after detection. The report shall include the probable cause of such deviations, and any corrective actions or preventive measures taken. All required reports must be certified by a responsible official consistent with section 10.0 of District Rule 2520(6/15/95) [District Rules 2520, 9.6.2 and 1100, 7.0]
12. If for any reason a permit requirement or condition is being challenged for its constitutionality or validity by a court of competent jurisdiction, the outcome of such challenge shall not affect or invalidate the remainder of the conditions or requirements in that permit. [District Rule 2520, 9.8]
13. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. [District Rule 2520, 9.9.2]

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14. The permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [District Rule 2520, 9.9.3]
15. The permit does not convey any property rights of any sort, or any exclusive privilege. [District Rule 2520, 9.9.4]
16. The Permittee shall furnish to the District, within a reasonable time, any information that the District may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the District copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to EPA along with a claim of confidentiality. [District Rule 2520, 9.9.5]
17. The permittee shall pay annual permit fees and other applicable fees as prescribed in Regulation III of the District Rules and Regulations. [District Rule 2520, 9.10]
18. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 2520, 9.14.2.1]
19. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 2520, 9.14.2.2]
20. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to inspect at reasonable times any facilities, equipment, practices, or operations regulated or required under the permit. [District Rule 2520, 9.14.2.3]
21. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [District Rule 2520, 9.14.2.4]
22. No air contaminants shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker than Ringelmann #1 or equivalent to 20% opacity and greater, unless specifically exempted by District Rule 4101 (12/17/92), by using EPA method 9. If the equipment or operation is subject to a more stringent visible emission standard as prescribed in a permit condition, the more stringent visible emission limit shall supersede this condition. [District Rule 4101, and County Rules 401 (in all eight counties in the San Joaquin Valley)]
23. No person shall supply, sell, solicit or apply any architectural coating, except specialty coatings, that contains more than 250 grams of VOC per liter of coating (less water and exempt compounds, and excluding any colorant added to tint bases), or manufacture, blend, or repackage such coating with more than 250 grams of VOC per liter (less water and exempt compounds, and excluding any colorant added to tint bases) for use within the District. [District Rule 4601, 5.1]
24. No person shall apply, sell, solicit, or offer for sale any specialty architectural coating listed in the Table of Standards (District Rule 4601, Table 1 (12/17/92)), nor manufacture, blend, or repackage such coating for use within the District, which contains VOCs (less water and exempt compounds, excluding any colorant added to tint bases) in excess of the specified limits listed in Table 1 of Rule 4601 (12/17/92). [District Rule 4601, 5.2]
25. All VOC-containing materials shall be stored in closed containers when not in use. In use includes, but is not limited to: being accessed, filled, emptied, maintained or repaired. [District Rule 4601, 5.4]
26. A person shall not use VOCs for the cleanup of spray equipment unless equipment for collection of the cleaning compounds and minimizing its evaporation to the atmosphere is used. [District Rule 4601, 5.5]
27. The permittee shall comply with all the Labeling and Test Methods requirements outlined in Rule 4601 sections 6.1 and 6.2 (12/17/92). [District Rule 4601, 6.1 and 6.2]
28. With each report or document submitted under a permit requirement or a request for information by the District or EPA, the permittee shall include a certification of truth, accuracy, and completeness by a responsible official. [District Rule 2520, 9.14.1 and 10.0]
29. If the permittee performs maintenance on, or services, repairs, or disposes of appliances, the permittee shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR Part 82, Subpart F. [40 CFR 82 Subpart F]
30. If the permittee performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR Part 82, Subpart B. [40 CFR Part 82, Subpart B]
31. Disturbances of soil related to any construction, demolition, excavation, extraction, or water mining activities shall comply with the requirements for fugitive dust control in SJVUAPCD District Rule 8020 (4/25/96) unless specifically exempted under section 4 of Rule 8020 (4/25/96). [District Rule 8020]
32. Outdoor handling and storage of any bulk material which emits dust shall comply with the requirements of SJVUAPCD Rule 8030 (4/25/96), unless specifically exempted under section 4 of Rule 8030 (4/25/96). [District Rule 8030]

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33. Any paved road over 3 miles in length, and any unpaved roads over half a mile in length, constructed after December 10, 1993 shall use the design criteria and dust control measures of, and comply with the administrative requirements of, SJVUAPCD Rule 8060 (4/25/96) unless specifically exempted under section 4 of Rule 8060 (4/25/96). [District Rule 8060]
34. Any owner or operator of a demolition or renovation activity, as defined in 40 CFR 61.141, shall comply with the applicable inspection, notification, removal, and disposal procedures for asbestos containing materials as specified in 40 CFR 61.145 (Standard for Demolition and Renovation). [40 CFR 61 Subpart M]
35. The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.17]
36. The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2]
37. When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permit shall apply. [District Rule 2520, 9.1.1]
38. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following outdated SIP requirements: Rule 401 (Madera, Fresno, Kern, Kings, San Joaquin, Stanislaus, Tulare and Merced), Rule 110 (Fresno, Stanislaus, San Joaquin), Rule 109 (Merced), Rule 113 (Madera), Rule 111 (Kern, Tulare, Kings), Rules 201, 202, 203, 204, 208, and 209 (Fresno, Kern, Tulare, Kings, Madera, Stanislaus, Merced, San Joaquin), Rule 410.1 (Kern), and Rule 423 (Kern, Fresno, Stanislaus, San Joaquin). A permit shield is granted from these requirements. [District Rule 2520, 13.2]
39. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements: SJVUAPCD Rules 1100, sections 6.1 and 7.0 (12/17/92); 2010, sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2040 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (12/17/92); 4601, sections 5.1, 5.2, 5.4, 5.5, 6.1, and 6.2 (12/17/92); 8020 (4/25/96); 8030 (4/25/96); 8060 (4/25/96); A permit shield is granted from these requirements. [District Rule 2520, 13.2]
40. When applicable to 40 CFR Part 68, a subject facility shall submit to the proper authority a Risk Management Plan, and comply with all the requirements of Program 1, 2, or 3 when mandated by the regulation. [40 CFR Part 68], [Federally Enforceable Through Title V]
41. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

## Initial TV Permit

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-2174-2-1

**EXPIRATION DATE:** 09/30/2002

**EQUIPMENT DESCRIPTION:**

ASSEMBLY LINE #1, SOUDRONIC AG WELDED BODYMAKER WITH CURING TUNNEL

## PERMIT UNIT REQUIREMENTS

1. Three-piece can side seam spray operations shall not use or apply any coating with a VOC content in excess of 660 grams of VOC per liter of coating, as applied, excluding water and exempt compounds. [District Rule 4604, 5.1], [Federally Enforceable Through Title V]
2. Operator shall maintain and have available during an inspection, a current list of coatings in use providing all of coating data necessary to evaluate compliance including the following information as applicable: 1) specific coatings, catalysts, and reducers used, 2) mix ratio of components used, 3) VOC content of each coating, as applied, and 4) VOC content of each solvent used for cleanup and surface preparation. [District Rule 4604, 6.1.1], [Federally Enforceable Through Title V]
3. Records shall be maintained on a daily basis including the following information: 1) specific coating used and mix ratio of components added to the coating material prior to application, 2) volume of coating applied (gallons), 3) specific solvents used, and 4) volume of each solvent used for cleanup and surface preparation (gallons). [District Rule 4604, 6.1.2], [Federally Enforceable Through Title V]
4. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201, 3.1; County Rules 402 (Madera) and 404 (Kings, Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus)], [Federally Enforceable Through Title V]
5. Sulfur compound emissions shall not exceed 0.2% by volume calculated as SO<sub>2</sub> averaged over 15 minutes. [County Rules 404 (Madera), 406 (Fresno), and 407 (Kern, Kings, Merced, San Joaquin, and Stanislaus)], [Federally Enforceable Through Title V]
6. Curing ovens shall be induction heated or fired on either PUC-regulated natural gas with a sulfur content of 0.017% by weight or less; or propane with a sulfur content 0.019% by weight or less. When firing on propane, compliance with fuel sulfur content limit may be demonstrated by maintaining supplier certification of fuel sulfur content; or by fuel analysis for sulfur content. The source shall maintain on file copies of all natural gas and propane bills and records of supplier certifications. [District Rule 2520, 9.1], [Federally Enforceable Through Title V]
7. When complying with sulfur emission limit by propane fuel analysis, each shipment of propane fuel must be analyzed within the preceding 12 months prior to being fired in the curing oven. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
8. Propane fuel sulfur content analysis shall be determined using ASTM D 1072-80, D 3031-81, D 4084-82, D 3246-81 or grab sample analysis by GC-FPD/TCD performed in the laboratory. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
9. VOC content of coating(s), as applied, and of solvents used for cleanup and surface preparation shall be determined by EPA Method 24 and analysis of halogenated exempt compounds shall be determined by ARB Method 432 on an annual basis. If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.4.2 and 4604, 6.2.1], [Federally Enforceable Through Title V]
10. All records of required monitoring data and support information shall be maintained for at least five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
11. No two-piece beverage can surface coating unit which may be part of this permit unit shall be used in soft drink or beer (including malt liquor) can manufacturing operations. This prohibition does not apply to coating of containers in which fruit or vegetable juices are packaged. [District Rule 2520, 9.1], [Federally Enforceable Through Title V]
12. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: County Rules 402, B.1, (Madera), 404 (Kings, Merced, Kern, Tulare, San Joaquin, Stanislaus, and Fresno), 404 (Madera) for curing oven fuel emissions only, 406 (Fresno) for curing oven fuel emissions only, and 407 (Kern, Kings, Merced, San Joaquin, Stanislaus, and Tulare) for curing oven fuel emissions only. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
13. Compliance with permit conditions in the Title V permit shall be deemed compliance with the requirements of SJVUAPCD Rules 4201 (as amended December 17, 1992) for curing oven emissions only and 4604 (as amended December 17, 1992), formerly District Rule 460.4. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
14. The requirements of District Rule 4661 (as amended December 17, 1992) do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

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15. The requirements of 40 CFR 60 Subparts TT and WW do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
16. All coatings and solvents shall be stored in closed containers. [District NSR Rule], [Federally Enforceable Through Title V]
17. The District must be made aware of and approval granted prior to any change in type or chemical formulation of the side seam spray or clean-up solvents used in the plant. [District NSR Rule], [Federally Enforceable Through Title V]

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# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-2174-3-2

**EXPIRATION DATE:** 09/30/2002

**EQUIPMENT DESCRIPTION:**

ASSEMBLY LINE #2, SOUDRONIC AG MODEL FFB WELDED BODYMAKER WITH CURING TUNNEL

## PERMIT UNIT REQUIREMENTS

1. Three-piece can side seam spray operations shall not use or apply any coating with a VOC content in excess of 660 grams of VOC per liter of coating, as applied, excluding water and exempt compounds. [District Rule 4604, 5.1], [Federally Enforceable Through Title V]
2. Operator shall maintain and have available during an inspection, a current list of coatings in use providing all of coating data necessary to evaluate compliance including the following information as applicable: 1) specific coatings, catalysts, and reducers used, 2) mix ratio of components used, 3) VOC content of each coating, as applied, and 4) VOC content of each solvent used for cleanup and surface preparation. [District Rule 4604, 6.1.1], [Federally Enforceable Through Title V]
3. Records shall be maintained on a daily basis including the following information: 1) specific coating used and mix ratio of components added to the coating material prior to application, 2) volume of coating applied (gallons), 3) specific solvents used, and 4) volume of each solvent used for cleanup and surface preparation (gallons). [District Rule 4604, 6.1.2], [Federally Enforceable Through Title V]
4. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201, 3.1; County Rules 402 (Madera) and 404 (Kings, Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus)], [Federally Enforceable Through Title V]
5. Sulfur compound emissions shall not exceed 0.2% by volume calculated as SO<sub>2</sub> averaged over 15 minutes. [County Rules 404 (Madera), 406 (Fresno), and 407 (Kern, Kings, Merced, San Joaquin, and Stanislaus)], [Federally Enforceable Through Title V]
6. Curing ovens shall be induction heated or fired on either PUC-regulated natural gas with a sulfur content of 0.017% by weight or less; or propane with a sulfur content 0.019% by weight or less. When firing on propane, compliance with fuel sulfur content limit may be demonstrated by maintaining supplier certification of fuel sulfur content; or by fuel analysis for sulfur content. The source shall maintain on file copies of all natural gas and propane bills and records of supplier certifications. [District Rule 2520, 9.1], [Federally Enforceable Through Title V]
7. When complying with sulfur emission limit by propane fuel analysis, each shipment of propane fuel must be analyzed within the preceding 12 months prior to being fired in the curing oven. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
8. Propane fuel sulfur content analysis shall be determined using ASTM D 1072-80, D 3031-81, D 4084-82, D 3246-81 or grab sample analysis by GC-FPD/TCD performed in the laboratory. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
9. VOC content of coating(s), as applied, and of solvents used for cleanup and surface preparation shall be determined by EPA Method 24 and analysis of halogenated exempt compounds shall be determined by ARB Method 432 on an annual basis. If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.4.2 and 4604, 6.2.1], [Federally Enforceable Through Title V]
10. All records of required monitoring data and support information shall be maintained for at least five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
11. No two-piece beverage can surface coating unit which may be part of this permit unit shall be used in soft drink or beer (including malt liquor) can manufacturing operations. This prohibition does not apply to coating of containers in which fruit or vegetable juices are packaged. [District Rule 2520, 9.1], [Federally Enforceable Through Title V]
12. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: County Rules 402, (Madera), 404 (Kings, Merced, Kern, Tulare, San Joaquin, Stanislaus, and Fresno), 404 (Madera) for curing oven fuel emissions only, 406 (Fresno) for curing oven fuel emissions only, and 407 (Kern, Kings, Merced, San Joaquin, Stanislaus, and Tulare) for curing oven fuel emissions only. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
13. Compliance with permit conditions in the Title V permit shall be deemed compliance with the requirements of SJVUAPCD Rules 4201 (as amended December 17, 1992) for curing oven emissions only and 4604 (as amended December 17, 1992), formerly District Rule 460.4. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
14. The requirements of District Rule 4661 (as amended December 17, 1992) do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

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15. The requirements of 40 CFR 60 Subparts TT and WW do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
16. All coatings and solvents shall be stored in closed containers. [District NSR Rule], [Federally Enforceable Through Title V]
17. The District must be made aware of and approval granted prior to any change in type or chemical formulation of the side seam spray or clean-up solvents used in the plant. [District NSR Rule], [Federally Enforceable Through Title V]
18. Only District approved side seam spray with a VOC content less than 571 grams/liter may be applied on this line. [District NSR Rule], [Federally Enforceable Through Title V]

## Initial TV Permit

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-2174-4-2

**EXPIRATION DATE:** 09/30/2002

**EQUIPMENT DESCRIPTION:**

ASSEMBLY LINE #3, SOUDRONIC AG MODEL FFB WELDED BODYMAKER WITH CURING TUNNEL

## PERMIT UNIT REQUIREMENTS

1. Three-piece can side seam spray operations shall not use or apply any coating with a VOC content in excess of 660 grams of VOC per liter of coating, as applied, excluding water and exempt compounds. [District Rule 4604, 5.1], [Federally Enforceable Through Title V]
2. Operator shall maintain and have available during an inspection, a current list of coatings in use providing all of coating data necessary to evaluate compliance including the following information as applicable: 1) specific coatings, catalysts, and reducers used, 2) mix ratio of components used, 3) VOC content of each coating, as applied, and 4) VOC content of each solvent used for cleanup and surface preparation. [District Rule 4604, 6.1.1], [Federally Enforceable Through Title V]
3. Records shall be maintained on a daily basis including the following information: 1) specific coating used and mix ratio of components added to the coating material prior to application, 2) volume of coating applied (gallons), 3) specific solvents used, and 4) volume of each solvent used for cleanup and surface preparation (gallons). [District Rule 4604, 6.1.2], [Federally Enforceable Through Title V]
4. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201, 3.1; County Rules 402 (Madera) and 404 (Kings, Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus)], [Federally Enforceable Through Title V]
5. Sulfur compound emissions shall not exceed 0.2% by volume calculated as SO<sub>2</sub> averaged over 15 minutes. [County Rules 404 (Madera), 406 (Fresno), and 407 (Kern, Kings, Merced, San Joaquin, and Stanislaus)], [Federally Enforceable Through Title V]
6. Curing ovens shall be induction heated or fired on either PUC-regulated natural gas with a sulfur content of 0.017% by weight or less; or propane with a sulfur content 0.019% by weight or less. When firing on propane, compliance with fuel sulfur content limit may be demonstrated by maintaining supplier certification of fuel sulfur content; or by fuel analysis for sulfur content. The source shall maintain on file copies of all natural gas and propane bills and records of supplier certifications. [District Rule 2520, 9.1], [Federally Enforceable Through Title V]
7. When complying with sulfur emission limit by propane fuel analysis, each shipment of propane fuel must be analyzed within the preceding 12 months prior to being fired in the curing oven. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
8. Propane fuel sulfur content analysis shall be determined using ASTM D 1072-80, D 3031-81, D 4084-82, D 3246-81 or grab sample analysis by GC-FPD/TCD performed in the laboratory. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
9. VOC content of coating(s), as applied, and of solvents used for cleanup and surface preparation shall be determined by EPA Method 24 and analysis of halogenated exempt compounds shall be determined by ARB Method 432 on an annual basis. If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.4.2 and 4604, 6.2.1], [Federally Enforceable Through Title V]
10. All records of required monitoring data and support information shall be maintained for at least five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
11. No two-piece beverage can surface coating unit which may be part of this permit unit shall be used in soft drink or beer (including malt liquor) can manufacturing operations. This prohibition does not apply to coating of containers in which fruit or vegetable juices are packaged. [District Rule 2520, 9.1], [Federally Enforceable Through Title V]
12. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: County Rules 402, (Madera), 404 (Kings, Merced, Kern, Tulare, San Joaquin, Stanislaus, and Fresno), 404 (Madera) for curing oven fuel emissions only, 406 (Fresno) for curing oven fuel emissions only, and 407 (Kern, Kings, Merced, San Joaquin, Stanislaus, and Tulare) for curing oven fuel emissions only. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
13. Compliance with permit conditions in the Title V permit shall be deemed compliance with the requirements of SJVUAPCD Rules 4201 (as amended December 17, 1992) for curing oven emissions only and 4604 (as amended December 17, 1992), formerly District Rule 460.4. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
14. The requirements of District Rule 4661 (as amended December 17, 1992) do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

## Initial TV Permit

15. The requirements of 40 CFR 60 Subparts TT and WW do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
16. All coatings and solvents shall be stored in closed containers. [District NSR Rule], [Federally Enforceable Through Title V]
17. The District must be made aware of and approval granted prior to any change in type or chemical formulation of the side seam spray or clean-up solvents used in the plant. [District NSR Rule], [Federally Enforceable Through Title V]
18. Only District approved side seam spray with a VOC content less than 571 grams/liter may be applied on this line. [District NSR Rule], [Federally Enforceable Through Title V]

**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** N-2174-5-2

**EXPIRATION DATE:** 09/30/2002

**EQUIPMENT DESCRIPTION:**

ASSEMBLY LINE #4, SOUDRONIC AG WELDED BODYMAKER WITH CURING TUNNEL

**PERMIT UNIT REQUIREMENTS**

1. Only powder coatings with a VOC content of 0 lbs/gal (excluding water and exempt solvents) shall be used in this coating line. [District NSR Rule], [Federally Enforceable Through Title V]
2. Operator shall maintain and have available during an inspection, a current list of coatings in use providing all of coating data necessary to evaluate compliance including the following information as applicable: 1) specific coatings, catalysts, and reducers used, 2) mix ratio of components used, 3) VOC content of each coating, as applied, and 4) VOC content of each solvent used for cleanup and surface preparation. [District Rule 4604, 6.1.1], [Federally Enforceable Through Title V]
3. Records shall be maintained on a daily basis including the following information: 1) specific coating used and mix ratio of components added to the coating material prior to application, 2) volume of coating applied (gallons), 3) specific solvents used, and 4) volume of each solvent used for cleanup and surface preparation (gallons). [District Rule 4604, 6.1.2], [Federally Enforceable Through Title V]
4. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201, 3.1; County Rules 402 (Madera) and 404 (Kings, Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus)], [Federally Enforceable Through Title V]
5. Sulfur compound emissions shall not exceed 0.2% by volume calculated as SO<sub>2</sub> averaged over 15 minutes. [County Rules 404 (Madera), 406 (Fresno), and 407 (Kern, Kings, Merced, San Joaquin, and Stanislaus)], [Federally Enforceable Through Title V]
6. Curing ovens shall be induction heated or fired on PUC-regulated natural gas with a sulfur content of 0.017% by weight or less. The source shall maintain on file copies of all natural gas and records of supplier certifications. [District Rule 2520, 9.1], [Federally Enforceable Through Title V]
7. The maximum amount of powder coatings used shall not exceed 100 pounds in any one day. [District NSR Rule], [Federally Enforceable Through Title V]
8. Emissions from the combustion equipment shall not exceed 0.1 lb NO<sub>x</sub>/MMBtu, 0.21 lb CO/MMBtu, 0.0053 lb VOC/MMBtu, 0.012 lb PM<sub>10</sub>/MMBtu, nor 0.0006 lb SO<sub>x</sub>/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
9. VOC content of coating(s), as applied, and of solvents used for cleanup and surface preparation shall be determined by EPA Method 24 and analysis of halogenated exempt compounds shall be determined by ARB Method 432 on an annual basis. If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.4.2 and 4604, 6.2.1], [Federally Enforceable Through Title V]
10. All records of required monitoring data and support information shall be maintained for at least five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
11. No two-piece beverage can surface coating unit which may be part of this permit unit shall be used in soft drink or beer (including malt liquor) can manufacturing operations. This prohibition does not apply to coating of containers in which fruit or vegetable juices are packaged. [District Rule 2520, 9.1], [Federally Enforceable Through Title V]
12. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: County Rules 402, (Madera), 404 (Kings, Merced, Kern, Tulare, San Joaquin, Stanislaus, and Fresno), 404 (Madera) for curing oven fuel emissions only, 406 (Fresno) for curing oven fuel emissions only, and 407 (Kern, Kings, Merced, San Joaquin, Stanislaus, and Tulare) for curing oven fuel emissions only. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
13. Compliance with permit conditions in the Title V permit shall be deemed compliance with the requirements of SJVUAPCD Rules 4201 (as amended December 17, 1992) for curing oven emissions only and 4604 (as amended December 17, 1992), formerly District Rule 460.4. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
14. The requirements of District Rule 4661 (as amended December 17, 1992) do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
15. The requirements of 40 CFR 60 Subparts TT and WW do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

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16. All coatings and solvents shall be stored in closed containers. [District NSR Rule], [Federally Enforceable Through Title V]
17. The District must be made aware of and approval granted prior to any change in type or chemical formulation of the side seam spray or clean-up solvents used in the plant. [District NSR Rule], [Federally Enforceable Through Title V]
18. Compliance with particulate matter emission limits shall be demonstrated by District approved and witnessed emissions sampling (using EPA Method 5 or approved equivalent method) if visible emissions are greater than 1/4 Ringelmann or 5% opacity. [District Rule 2520,9.4.2], [Federally Enforceable Through Title V]
19. Records of visible emission inspections shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing inspection. [District Rule 2520,9.4.2], [Federally Enforceable Through Title V]
20. The unit shall be inspected weekly while in operation for visible emissions. If excessive visible emissions are observed, appropriate action shall be taken. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

## Initial TV Permit

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-2174-6-1

**EXPIRATION DATE:** 09/30/2002

**EQUIPMENT DESCRIPTION:**

ASSEMBLY LINE #5, SOUDRONIC AG WELDED BODYMAKER WITH CURING TUNNEL

## PERMIT UNIT REQUIREMENTS

1. Three-piece can side seam spray operations shall not use or apply any coating with a VOC content in excess of 660 grams of VOC per liter of coating, as applied, excluding water and exempt compounds. [District Rule 4604, 5.1], [Federally Enforceable Through Title V]
2. Operator shall maintain and have available during an inspection, a current list of coatings in use providing all of coating data necessary to evaluate compliance including the following information as applicable: 1) specific coatings, catalysts, and reducers used, 2) mix ratio of components used, 3) VOC content of each coating, as applied, and 4) VOC content of each solvent used for cleanup and surface preparation. [District Rule 4604, 6.1.1], [Federally Enforceable Through Title V]
3. Records shall be maintained on a daily basis including the following information: 1) specific coating used and mix ratio of components added to the coating material prior to application, 2) volume of coating applied (gallons), 3) specific solvents used, and 4) volume of each solvent used for cleanup and surface preparation (gallons). [District Rule 4604, 6.1.2], [Federally Enforceable Through Title V]
4. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201, 3.1; County Rules 402 (Madera) and 404 (Kings, Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus)], [Federally Enforceable Through Title V]
5. Sulfur compound emissions shall not exceed 0.2% by volume calculated as SO<sub>2</sub> averaged over 15 minutes. [County Rules 404 (Madera), 406 (Fresno), and 407 (Kern, Kings, Merced, San Joaquin, and Stanislaus)], [Federally Enforceable Through Title V]
6. Curing ovens shall be induction heated or fired on either PUC-regulated natural gas with a sulfur content of 0.017% by weight or less; or propane with a sulfur content 0.019% by weight or less. When firing on propane, compliance with fuel sulfur content limit may be demonstrated by maintaining supplier certification of fuel sulfur content; or by fuel analysis for sulfur content. The source shall maintain on file copies of all natural gas and propane bills and records of supplier certifications. [District Rule 2520, 9.1], [Federally Enforceable Through Title V]
7. When complying with sulfur emission limit by propane fuel analysis, each shipment of propane fuel must be analyzed within the preceding 12 months prior to being fired in the curing oven. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
8. Propane fuel sulfur content analysis shall be determined using ASTM D 1072-80, D 3031-81, D 4084-82, D 3246-81 or grab sample analysis by GC-FPD/TCD performed in the laboratory. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
9. VOC content of coating(s), as applied, and of solvents used for cleanup and surface preparation shall be determined by EPA Method 24 and analysis of halogenated exempt compounds shall be determined by ARB Method 432 on an annual basis. If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.4.2 and 4604, 6.2.1], [Federally Enforceable Through Title V]
10. All records of required monitoring data and support information shall be maintained for at least five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
11. No two-piece beverage can surface coating unit which may be part of this permit unit shall be used in soft drink or beer (including malt liquor) can manufacturing operations. This prohibition does not apply to coating of containers in which fruit or vegetable juices are packaged. [District Rule 2520, 9.1], [Federally Enforceable Through Title V]
12. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: County Rules 402, (Madera), 404 (Kings, Merced, Kern, Tulare, San Joaquin, Stanislaus, and Fresno), 404 (Madera) for curing oven fuel emissions only, 406 (Fresno) for curing oven fuel emissions only, and 407 (Kern, Kings, Merced, San Joaquin, Stanislaus, and Tulare) for curing oven fuel emissions only. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
13. Compliance with permit conditions in the Title V permit shall be deemed compliance with the requirements of SJVUAPCD Rules 4201 (as amended December 17, 1992) for curing oven emissions only and 4604 (as amended December 17, 1992), formerly District Rule 460.4. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
14. The requirements of District Rule 4661 (as amended December 17, 1992) do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

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15. The requirements of 40 CFR 60 Subparts TT and WW do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
16. All coatings and solvents shall be stored in closed containers. [District NSR Rule], [Federally Enforceable Through Title V]
17. The District must be made aware of and approval granted prior to any change in type or chemical formulation of the side seam spray or clean-up solvents used in the plant. [District NSR Rule], [Federally Enforceable Through Title V]

**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** N-2174-8-2

**EXPIRATION DATE:** 09/30/2002

**EQUIPMENT DESCRIPTION:**

COATING LINE #4, EQUIPPED WITH SMITH ENGINEERING AFTERBURNER.

## **PERMIT UNIT REQUIREMENTS**

1. The afterburner chamber shall be preheated to at least 1400 degrees F prior to combustion of charged material. [District Rule 4604, 5.2.2], [Federally Enforceable Through Title V]
2. The afterburner shall be equipped with a continuous temperature monitoring and recording instrument; or be equipped with a device that either sounds an alarm or shuts down the process if the temperature of the afterburner is not maintained within operating parameters. [District Rule 4604, 5.2.2], [Federally Enforceable Through Title V]
3. Emissions from this operation shall be controlled by an emission control device with a minimum of 90% overall control efficiency. [District Rule 4604, 5.2.2], [Federally Enforceable Through Title V]
4. VOC emissions shall be measured by EPA Method 25, 25a, or 25b, as applicable, and analysis of halogenated exempt compounds shall be analyzed by ARB Method 422 on an annual basis. Capture efficiency shall be determined using methods described in Rule 4604 (as amended December 17, 1992) section 6.2.3. Overall VOC control efficiency shall be determined annually using the source test data and the capture efficiency of the control system. [District Rule 4604, 6.2.2 and 6.2.3], [Federally Enforceable Through Title V]
5. Operator shall maintain and have available during an inspection, a current list of coatings in use which provides all of the coating data necessary to evaluate compliance including the following information as applicable: 1) specific coatings, catalysts, and reducers used; 2) mix ratio of components used 3) VOC content of each coating, as applied; and 4) VOC content of each solvent used for cleanup and surface preparation. [District Rule 4604, 6.1.1], [Federally Enforceable Through Title V]
6. Operator shall maintain records on a daily basis including the following information: 1) specific coating used and mix ratio of components added to the coating material prior to application; 2) volume of coating applied (gallons); 3) specific solvents used; and 4) volume of each solvent used for cleanup and surface preparation (gallons). [District Rule 4604, 6.1.2], [Federally Enforceable Through Title V]
7. VOC content of coating(s), as applied, and of solvents used for cleanup and surface preparation shall be determined by EPA Method 24 and analysis of halogenated exempt compounds shall be determined by ARB Method 432 on an annual basis. If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rule 4604, 6.2.1], [Federally Enforceable Through Title V]
8. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: District Rule 4201 for curing oven emissions only, and 4604 excluding 6.3, formerly District Rule 460.4. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
9. The requirements of SJVUAPCD Rule 4661 (as amended December 17, 1992), does not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
10. The requirements of 40 CFR 60 Subparts TT and WW do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
11. All coatings and solvents shall be stored in closed containers. [District NSR Rule], [Federally Enforceable Through Title V]
12. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201], [Federally Enforceable Through Title V]
13. This unit shall not be used in soft drink or beer (including malt liquor) can manufacturing operations. This prohibition does not apply to coating of containers in which fruit or vegetable juices are packaged. [District Rule 2520, 9.1], [Federally Enforceable Through Title V]

**Initial TV Permit**  
**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** N-2174-9-3

**EXPIRATION DATE:** 09/30/2002

**EQUIPMENT DESCRIPTION:**

COATING-LITHOGRAPHY LINE #2, SHARES AFTERBURNER WITH LINE #1

## **PERMIT UNIT REQUIREMENTS**

1. The afterburner chamber shall be preheated to at least 1400 degrees F prior to combustion of charged material. [District Rule 4604, 5.2.2], [Federally Enforceable Through Title V]
2. The afterburner shall be equipped with a continuous temperature monitoring and recording instrument; or be equipped with a device that either sounds an alarm or shuts down the process if the temperature of the afterburner is not maintained within operating parameters. [District Rule 4604, 5.2.2], [Federally Enforceable Through Title V]
3. Emissions from this operation shall be controlled by an emission control device with a minimum of 90% overall control efficiency. [District Rule 4604, 5.2.2], [Federally Enforceable Through Title V]
4. VOC emissions shall be measured by EPA Method 25, 25a, or 25b, as applicable, and analysis of halogenated exempt compounds shall be analyzed by ARB Method 422 on an annual basis. Capture efficiency shall be determined using methods described in Rule 4604 (as amended December 17, 1992) section 6.2.3. Overall VOC control efficiency shall be determined annually using the source test data and the capture efficiency of the control system. [District Rule 4604, 6.2.2 and 6.2.3], [Federally Enforceable Through Title V]
5. Operator shall maintain and have available during an inspection, a current list of coatings in use which provides all of the coating data necessary to evaluate compliance including the following information as applicable: 1) specific coatings, catalysts, and reducers used; 2) mix ratio of components used 3) VOC content of each coating, as applied; and 4) VOC content of each solvent used for cleanup and surface preparation. [District Rule 4604, 6.1.1], [Federally Enforceable Through Title V]
6. Operator shall maintain records on a daily basis including the following information: 1) specific coating used and mix ratio of components added to the coating material prior to application; 2) volume of coating applied (gallons); 3) specific solvents used; and 4) volume of each solvent used for cleanup and surface preparation (gallons). [District Rule 4604, 6.1.2], [Federally Enforceable Through Title V]
7. VOC content of coating(s), as applied, and of solvents used for cleanup and surface preparation shall be determined by EPA Method 24 and analysis of halogenated exempt compounds shall be determined by ARB Method 432 on an annual basis. If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rule 4604, 6.2.1], [Federally Enforceable Through Title V]
8. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: District Rule 4201 for curing oven emissions only, and 4604 excluding 6.3, formerly District Rule 460.4. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
9. The requirements of SJVUAPCD Rule 4661 (as amended December 17, 1992) , does not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
10. The requirements of 40 CFR 60 Subparts TT and WW do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
11. All coatings and solvents shall be stored in closed containers. [District NSR Rule], [Federally Enforceable Through Title V]
12. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201], [Federally Enforceable Through Title V]
13. This unit shall not be used in soft drink or beer (including malt liquor) can manufacturing operations. This prohibition does not apply to coating of containers in which fruit or vegetable juices are packaged. [District Rule 2520, 9.1], [Federally Enforceable Through Title V]
14. This graphic arts printing operation shall not emit more than 400 pounds of VOC per calendar month. [District Rule 4607, 4.1], [Federally Enforceable Through Title V]

**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** N-2174-10-2

**EXPIRATION DATE:** 09/30/2002

**EQUIPMENT DESCRIPTION:**

COATING LINE #1 WITH SMITH ENGINEERING AFTERBURNER. AFTERBURNER USED IN CONJUNCTION WITH LINE #2. (PERMIT N-2174-9 0)

## **PERMIT UNIT REQUIREMENTS**

1. The afterburner chamber shall be preheated to at least 1400 degrees F prior to combustion of charged material. [District Rule 4604, 5.2.2], [Federally Enforceable Through Title V]
2. The afterburner shall be equipped with a continuous temperature monitoring and recording instrument; or be equipped with a device that either sounds an alarm or shuts down the process if the temperature of the afterburner is not maintained within operating parameters. [District Rule 4604, 5.2.2], [Federally Enforceable Through Title V]
3. Emissions from this operation shall be controlled by an emission control device with a minimum of 90% overall control efficiency. [District Rule 4604, 5.2.2], [Federally Enforceable Through Title V]
4. VOC emissions shall be measured by EPA Method 25, 25a, or 25b, as applicable, and analysis of halogenated exempt compounds shall be analyzed by ARB Method 422 on an annual basis. Capture efficiency shall be determined using methods described in Rule 4604 (as amended December 17, 1992) section 6.2.3. Overall VOC control efficiency shall be determined annually using the source test data and the capture efficiency of the control system. [District Rule 4604, 6.2.2 and 6.2.3], [Federally Enforceable Through Title V]
5. Operator shall maintain and have available during an inspection, a current list of coatings in use which provides all of the coating data necessary to evaluate compliance including the following information as applicable: 1) specific coatings, catalysts, and reducers used; 2) mix ratio of components used 3) VOC content of each coating, as applied; and 4) VOC content of each solvent used for cleanup and surface preparation. [District Rule 4604, 6.1.1], [Federally Enforceable Through Title V]
6. Operator shall maintain records on a daily basis including the following information: 1) specific coating used and mix ratio of components added to the coating material prior to application; 2) volume of coating applied (gallons); 3) specific solvents used; and 4) volume of each solvent used for cleanup and surface preparation (gallons). [District Rule 4604, 6.1.2], [Federally Enforceable Through Title V]
7. VOC content of coating(s), as applied, and of solvents used for cleanup and surface preparation shall be determined by EPA Method 24 and analysis of halogenated exempt compounds shall be determined by ARB Method 432 on an annual basis. If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rule 4604, 6.2.1], [Federally Enforceable Through Title V]
8. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: District Rule 4201 for curing oven emissions only, and 4604 excluding 6.3, formerly District Rule 460.4. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
9. The requirements of SJVUAPCD Rule 4661 (as amended December 17, 1992) , does not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
10. The requirements of 40 CFR 60 Subparts TT and WW do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
11. All coatings and solvents shall be stored in closed containers. [District NSR Rule], [Federally Enforceable Through Title V]
12. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201], [Federally Enforceable Through Title V]
13. This unit shall not be used in soft drink or beer (including malt liquor) can manufacturing operations. This prohibition does not apply to coating of containers in which fruit or vegetable juices are packaged. [District Rule 2520, 9.1], [Federally Enforceable Through Title V]

## Initial TV Permit

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-2174-11-2

**EXPIRATION DATE:** 09/30/2002

**EQUIPMENT DESCRIPTION:**

ASSEMBLY LINE #6, SOUDRONIC AG MODEL FBB 5502-R WELDED BODYMAKER WITH CURING TUNNEL.

## PERMIT UNIT REQUIREMENTS

1. Three-piece can side seam spray operations shall not use or apply any coating with a VOC content in excess of 660 grams of VOC per liter of coating, as applied, excluding water and exempt compounds. [District Rule 4604, 5.1], [Federally Enforceable Through Title V]
2. Operator shall maintain and have available during an inspection, a current list of coatings in use providing all of coating data necessary to evaluate compliance including the following information as applicable: 1) specific coatings, catalysts, and reducers used, 2) mix ratio of components used, 3) VOC content of each coating, as applied, and 4) VOC content of each solvent used for cleanup and surface preparation. [District Rule 4604, 6.1.1], [Federally Enforceable Through Title V]
3. Records shall be maintained on a daily basis including the following information: 1) specific coating used and mix ratio of components added to the coating material prior to application, 2) volume of coating applied (gallons), 3) specific solvents used, and 4) volume of each solvent used for cleanup and surface preparation (gallons). [District Rule 4604, 6.1.2], [Federally Enforceable Through Title V]
4. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201, 3.1; County Rules 402 (Madera) and 404 (Kings, Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus)], [Federally Enforceable Through Title V]
5. Sulfur compound emissions shall not exceed 0.2% by volume calculated as SO<sub>2</sub> averaged over 15 minutes. [County Rules 404 (Madera), 406 (Fresno), and 407 (Kern, Kings, Merced, San Joaquin, and Stanislaus)], [Federally Enforceable Through Title V]
6. Curing ovens shall be induction heated or fired on either PUC-regulated natural gas with a sulfur content of 0.017% by weight or less; or propane with a sulfur content 0.019% by weight or less. When firing on propane, compliance with fuel sulfur content limit may be demonstrated by maintaining supplier certification of fuel sulfur content; or by fuel analysis for sulfur content. The source shall maintain on file copies of all natural gas and propane bills and records of supplier certifications. [District Rule 2520, 9.1], [Federally Enforceable Through Title V]
7. When complying with sulfur emission limit by propane fuel analysis, each shipment of propane fuel must be analyzed within the preceding 12 months prior to being fired in the curing oven. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
8. Propane fuel sulfur content analysis shall be determined using ASTM D 1072-80, D 3031-81, D 4084-82, D 3246-81 or grab sample analysis by GC-FPD/TCD performed in the laboratory. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
9. VOC content of coating(s), as applied, and of solvents used for cleanup and surface preparation shall be determined by EPA Method 24 and analysis of halogenated exempt compounds shall be determined by ARB Method 432 on an annual basis. If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.4.2 and 4604, 6.2.1], [Federally Enforceable Through Title V]
10. All records of required monitoring data and support information shall be maintained for at least five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
11. No two-piece beverage can surface coating unit which may be part of this permit unit shall be used in soft drink or beer (including malt liquor) can manufacturing operations. This prohibition does not apply to coating of containers in which fruit or vegetable juices are packaged. [District Rule 2520, 9.1], [Federally Enforceable Through Title V]
12. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: County Rules 402, (Madera), 404 (Kings, Merced, Kern, Tulare, San Joaquin, Stanislaus, and Fresno), 404 (Madera) for curing oven fuel emissions only, 406 (Fresno) for curing oven fuel emissions only, and 407 (Kern, Kings, Merced, San Joaquin, Stanislaus, and Tulare) for curing oven fuel emissions only. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
13. Compliance with permit conditions in the Title V permit shall be deemed compliance with the requirements of SJVUAPCD Rules 4201 (as amended December 17, 1992) for curing oven emissions only and 4604 (as amended December 17, 1992), formerly District Rule 460.4. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
14. The requirements of District Rule 4661 (as amended December 17, 1992) do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

## Initial TV Permit

15. The requirements of 40 CFR 60 Subparts TT and WW do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
16. All coatings and solvents shall be stored in closed containers. [District NSR Rule], [Federally Enforceable Through Title V]
17. The District must be made aware of and approval granted prior to any change in type or chemical formulation of the side seam spray or clean-up solvents used in the plant. [District NSR Rule], [Federally Enforceable Through Title V]
18. Only District approved side seam spray with a VOC content less than 564 grams/liter may be applied on this line. [District NSR Rule], [Federally Enforceable Through Title V]
19. The emissions of volatile organic compounds (VOC) shall not exceed 52.80 pounds in any single day. [District NSR Rule], [Federally Enforceable Through Title V]

**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** N-2174-12-1

**EXPIRATION DATE:** 09/30/2002

**EQUIPMENT DESCRIPTION:**  
END MANUFACTURING LINE #1

## **PERMIT UNIT REQUIREMENTS**

1. End sealing compound operations shall not use or apply any coating with a VOC content in excess of 440 grams of VOC per liter of coating, as applied, excluding water and exempt compounds. [District Rule 4604, 5.1]
2. Operator shall maintain and have available during an inspection, a current list of coatings in use providing all of coating data necessary to evaluate compliance including the following information as applicable: 1) specific coatings, catalysts, and reducers used, 2) mix ratio of components used, 3) VOC content of each coating, as applied, and 4) VOC content of each solvent used for cleanup and surface preparation. [District Rule 4604, 6.1.1]
3. Records shall be maintained on a daily basis including the following information: 1) specific coating used and mix ratio of components added to the coating material prior to application, 2) volume of coating applied (gallons), 3) specific solvents used, and 4) volume of each solvent used for cleanup and surface preparation (gallons). [District Rule 4604, 6.1.2]
4. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201, 3.1; County Rules 402 (Madera) and 404 (Kings, Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus)]
5. Sulfur compound emissions shall not exceed 0.2% by volume calculated as SO<sub>2</sub> averaged over 15 minutes. [County Rules 404 (Madera), 406 (Fresno), and 407 (Kern, Kings, Merced, San Joaquin, and Stanislaus)]
6. Curing ovens shall be induction heated or fired on either PUC-regulated natural gas with a sulfur content of 0.017% by weight or less; or propane with a sulfur content 0.019% by weight or less. When firing on propane, compliance with fuel sulfur content limit may be demonstrated by maintaining supplier certification of fuel sulfur content; or by fuel analysis for sulfur content. The source shall maintain on file copies of all natural gas and propane bills and records of supplier certifications. [District Rule 2520, 9.1]
7. When complying with sulfur emission limit by propane fuel analysis, each shipment of propane fuel must be analyzed within the preceding 12 months prior to being fired in the curing oven. [District Rule 2520, 9.4.2]
8. Propane fuel sulfur content analysis shall be determined using ASTM D 1072-80, D 3031-81, D 4084-82, D 3246-81 or grab sample analysis by GC-FPD/TCD performed in the laboratory. [District Rule 2520, 9.4.2]
9. VOC content of coating(s), as applied, and of solvents used for cleanup and surface preparation shall be determined by EPA Method 24 and analysis of halogenated exempt compounds shall be determined by ARB Method 432 on an annual basis. If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.4.2 and 4604, 6.2.1]
10. All records of required monitoring data and support information shall be maintained for at least five years. [District Rule 2520, 9.5.2]
11. No two-piece beverage can surface coating unit which may be part of this permit unit shall be used in soft drink or beer (including malt liquor) can manufacturing operations. This prohibition does not apply to coating of containers in which fruit or vegetable juices are packaged. [District Rule 2520, 9.1]
12. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: County Rules 402, (Madera), 404 (Kings, Merced, Kern, Tulare, San Joaquin, Stanislaus, and Fresno), 404 (Madera) for curing oven fuel emissions only, 406 (Fresno) for curing oven fuel emissions only, and 407 (Kern, Kings, Merced, San Joaquin, Stanislaus, and Tulare) for curing oven fuel emissions only. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
13. Compliance with permit conditions in the Title V permit shall be deemed compliance with the requirements of SJVUAPCD Rules 4201 (as amended December 17, 1992) for curing oven emissions only and 4604 (as amended December 17, 1992), formerly District Rule 460.4. A permit shield is granted from these requirements. [District Rule 2520, 13.2]
14. The requirements of District Rule 4661 (as amended December 17, 1992) do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2]
15. The requirements of 40 CFR 60 Subparts TT and WW do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2]

## **Initial TV Permit**

16. All coatings and solvents shall be stored in closed containers. [District NSR Rule], [Federally Enforceable Through Title V]
17. The District must be made aware of and approval granted prior to any change in type or chemical formulation of the end seal compound or clean-up solvents used in the plant. [District NSR Rule], [Federally Enforceable Through Title V]

**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** N-2174-13-1

**EXPIRATION DATE:** 09/30/2002

**EQUIPMENT DESCRIPTION:**  
END MANUFACTURING LINE #2

## **PERMIT UNIT REQUIREMENTS**

1. End sealing compound operations shall not use or apply any coating with a VOC content in excess of 440 grams of VOC per liter of coating, as applied, excluding water and exempt compounds. [District Rule 4604, 5.1]
2. Operator shall maintain and have available during an inspection, a current list of coatings in use providing all of coating data necessary to evaluate compliance including the following information as applicable: 1) specific coatings, catalysts, and reducers used, 2) mix ratio of components used, 3) VOC content of each coating, as applied, and 4) VOC content of each solvent used for cleanup and surface preparation. [District Rule 4604, 6.1.1]
3. Records shall be maintained on a daily basis including the following information: 1) specific coating used and mix ratio of components added to the coating material prior to application, 2) volume of coating applied (gallons), 3) specific solvents used, and 4) volume of each solvent used for cleanup and surface preparation (gallons). [District Rule 4604, 6.1.2]
4. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201, 3.1; County Rules 402 (Madera) and 404 (Kings, Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus)]
5. Sulfur compound emissions shall not exceed 0.2% by volume calculated as SO<sub>2</sub> averaged over 15 minutes. [County Rules 404 (Madera), 406 (Fresno), and 407 (Kern, Kings, Merced, San Joaquin, and Stanislaus)]
6. Curing ovens shall be induction heated or fired on either PUC-regulated natural gas with a sulfur content of 0.017% by weight or less; or propane with a sulfur content 0.019% by weight or less. When firing on propane, compliance with fuel sulfur content limit may be demonstrated by maintaining supplier certification of fuel sulfur content; or by fuel analysis for sulfur content. The source shall maintain on file copies of all natural gas and propane bills and records of supplier certifications. [District Rule 2520, 9.1]
7. When complying with sulfur emission limit by propane fuel analysis, each shipment of propane fuel must be analyzed within the preceding 12 months prior to being fired in the curing oven. [District Rule 2520, 9.4.2]
8. Propane fuel sulfur content analysis shall be determined using ASTM D 1072-80, D 3031-81, D 4084-82, D 3246-81 or grab sample analysis by GC-FPD/TCD performed in the laboratory. [District Rule 2520, 9.4.2]
9. VOC content of coating(s), as applied, and of solvents used for cleanup and surface preparation shall be determined by EPA Method 24 and analysis of halogenated exempt compounds shall be determined by ARB Method 432 on an annual basis. If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.4.2 and 4604, 6.2.1]
10. All records of required monitoring data and support information shall be maintained for at least five years. [District Rule 2520, 9.5.2]
11. No two-piece beverage can surface coating unit which may be part of this permit unit shall be used in soft drink or beer (including malt liquor) can manufacturing operations. This prohibition does not apply to coating of containers in which fruit or vegetable juices are packaged. [District Rule 2520, 9.1]
12. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: County Rules 402, (Madera), 404 (Kings, Merced, Kern, Tulare, San Joaquin, Stanislaus, and Fresno), 404 (Madera) for curing oven fuel emissions only, 406 (Fresno) for curing oven fuel emissions only, and 407 (Kern, Kings, Merced, San Joaquin, Stanislaus, and Tulare) for curing oven fuel emissions only. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
13. Compliance with permit conditions in the Title V permit shall be deemed compliance with the requirements of SJVUAPCD Rules 4201 (as amended December 17, 1992) for curing oven emissions only and 4604 (as amended December 17, 1992), formerly District Rule 460.4. A permit shield is granted from these requirements. [District Rule 2520, 13.2]
14. The requirements of District Rule 4661 (as amended December 17, 1992) do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2]
15. The requirements of 40 CFR 60 Subparts TT and WW do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2]

## **Initial TV Permit**

16. All coatings and solvents shall be stored in closed containers. [District NSR Rule], [Federally Enforceable Through Title V]
17. The District must be made aware of and approval granted prior to any change in type or chemical formulation of the end seal compound or clean-up solvents used in the plant. [District NSR Rule], [Federally Enforceable Through Title V]

## Initial TV Permit

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-2174-14-1

**EXPIRATION DATE:** 09/30/2002

**EQUIPMENT DESCRIPTION:**  
END MANUFACTURING LINE #3

## PERMIT UNIT REQUIREMENTS

1. End sealing compound operations shall not use or apply any coating with a VOC content in excess of 440 grams of VOC per liter of coating, as applied, excluding water and exempt compounds. [District Rule 4604, 5.1]
2. Operator shall maintain and have available during an inspection, a current list of coatings in use providing all of coating data necessary to evaluate compliance including the following information as applicable: 1) specific coatings, catalysts, and reducers used, 2) mix ratio of components used, 3) VOC content of each coating, as applied, and 4) VOC content of each solvent used for cleanup and surface preparation. [District Rule 4604, 6.1.1]
3. Records shall be maintained on a daily basis including the following information: 1) specific coating used and mix ratio of components added to the coating material prior to application, 2) volume of coating applied (gallons), 3) specific solvents used, and 4) volume of each solvent used for cleanup and surface preparation (gallons). [District Rule 4604, 6.1.2]
4. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201, 3.1; County Rules 402 (Madera) and 404 (Kings, Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus)]
5. Sulfur compound emissions shall not exceed 0.2% by volume calculated as SO<sub>2</sub> averaged over 15 minutes. [County Rules 404 (Madera), 406 (Fresno), and 407 (Kern, Kings, Merced, San Joaquin, and Stanislaus)]
6. Curing ovens shall be induction heated or fired on either PUC-regulated natural gas with a sulfur content of 0.017% by weight or less; or propane with a sulfur content 0.019% by weight or less. When firing on propane, compliance with fuel sulfur content limit may be demonstrated by maintaining supplier certification of fuel sulfur content; or by fuel analysis for sulfur content. The source shall maintain on file copies of all natural gas and propane bills and records of supplier certifications. [District Rule 2520, 9.1]
7. When complying with sulfur emission limit by propane fuel analysis, each shipment of propane fuel must be analyzed within the preceding 12 months prior to being fired in the curing oven. [District Rule 2520, 9.4.2]
8. Propane fuel sulfur content analysis shall be determined using ASTM D 1072-80, D 3031-81, D 4084-82, D 3246-81 or grab sample analysis by GC-FPD/TCD performed in the laboratory. [District Rule 2520, 9.4.2]
9. VOC content of coating(s), as applied, and of solvents used for cleanup and surface preparation shall be determined by EPA Method 24 and analysis of halogenated exempt compounds shall be determined by ARB Method 432 on an annual basis. If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.4.2 and 4604, 6.2.1]
10. All records of required monitoring data and support information shall be maintained for at least five years. [District Rule 2520, 9.5.2]
11. No two-piece beverage can surface coating unit which may be part of this permit unit shall be used in soft drink or beer (including malt liquor) can manufacturing operations. This prohibition does not apply to coating of containers in which fruit or vegetable juices are packaged. [District Rule 2520, 9.1]
12. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: County Rules 402, (Madera), 404 (Kings, Merced, Kern, Tulare, San Joaquin, Stanislaus, and Fresno), 404 (Madera) for curing oven fuel emissions only, 406 (Fresno) for curing oven fuel emissions only, and 407 (Kern, Kings, Merced, San Joaquin, Stanislaus, and Tulare) for curing oven fuel emissions only. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
13. Compliance with permit conditions in the Title V permit shall be deemed compliance with the requirements of SJVUAPCD Rules 4201 (as amended December 17, 1992) for curing oven emissions only and 4604 (as amended December 17, 1992), formerly District Rule 460.4. A permit shield is granted from these requirements. [District Rule 2520, 13.2]
14. The requirements of District Rule 4661 (as amended December 17, 1992) do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2]
15. The requirements of 40 CFR 60 Subparts TT and WW do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2]

## **Initial TV Permit**

16. All coatings and solvents shall be stored in closed containers. [District NSR Rule], [Federally Enforceable Through Title V]
17. The District must be made aware of and approval granted prior to any change in type or chemical formulation of the end seal compound or clean-up solvents used in the plant. [District NSR Rule], [Federally Enforceable Through Title V]

## Initial TV Permit

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-2174-15-1

**EXPIRATION DATE:** 09/30/2002

**EQUIPMENT DESCRIPTION:**  
END MANUFACTURING LINE #4

## PERMIT UNIT REQUIREMENTS

1. End sealing compound operations shall not use or apply any coating with a VOC content in excess of 440 grams of VOC per liter of coating, as applied, excluding water and exempt compounds. [District Rule 4604, 5.1]
2. Operator shall maintain and have available during an inspection, a current list of coatings in use providing all of coating data necessary to evaluate compliance including the following information as applicable: 1) specific coatings, catalysts, and reducers used, 2) mix ratio of components used, 3) VOC content of each coating, as applied, and 4) VOC content of each solvent used for cleanup and surface preparation. [District Rule 4604, 6.1.1]
3. Records shall be maintained on a daily basis including the following information: 1) specific coating used and mix ratio of components added to the coating material prior to application, 2) volume of coating applied (gallons), 3) specific solvents used, and 4) volume of each solvent used for cleanup and surface preparation (gallons). [District Rule 4604, 6.1.2]
4. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201, 3.1; County Rules 402 (Madera) and 404 (Kings, Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus)]
5. Sulfur compound emissions shall not exceed 0.2% by volume calculated as SO<sub>2</sub> averaged over 15 minutes. [County Rules 404 (Madera), 406 (Fresno), and 407 (Kern, Kings, Merced, San Joaquin, and Stanislaus)]
6. Curing ovens shall be induction heated or fired on either PUC-regulated natural gas with a sulfur content of 0.017% by weight or less; or propane with a sulfur content 0.019% by weight or less. When firing on propane, compliance with fuel sulfur content limit may be demonstrated by maintaining supplier certification of fuel sulfur content; or by fuel analysis for sulfur content. The source shall maintain on file copies of all natural gas and propane bills and records of supplier certifications. [District Rule 2520, 9.1]
7. When complying with sulfur emission limit by propane fuel analysis, each shipment of propane fuel must be analyzed within the preceding 12 months prior to being fired in the curing oven. [District Rule 2520, 9.4.2]
8. Propane fuel sulfur content analysis shall be determined using ASTM D 1072-80, D 3031-81, D 4084-82, D 3246-81 or grab sample analysis by GC-FPD/TCD performed in the laboratory. [District Rule 2520, 9.4.2]
9. VOC content of coating(s), as applied, and of solvents used for cleanup and surface preparation shall be determined by EPA Method 24 and analysis of halogenated exempt compounds shall be determined by ARB Method 432 on an annual basis. If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.4.2 and 4604, 6.2.1]
10. All records of required monitoring data and support information shall be maintained for at least five years. [District Rule 2520, 9.5.2]
11. No two-piece beverage can surface coating unit which may be part of this permit unit shall be used in soft drink or beer (including malt liquor) can manufacturing operations. This prohibition does not apply to coating of containers in which fruit or vegetable juices are packaged. [District Rule 2520, 9.1]
12. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: County Rules 402, (Madera), 404 (Kings, Merced, Kern, Tulare, San Joaquin, Stanislaus, and Fresno), 404 (Madera) for curing oven fuel emissions only, 406 (Fresno) for curing oven fuel emissions only, and 407 (Kern, Kings, Merced, San Joaquin, Stanislaus, and Tulare) for curing oven fuel emissions only. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
13. Compliance with permit conditions in the Title V permit shall be deemed compliance with the requirements of SJVUAPCD Rules 4201 (as amended December 17, 1992) for curing oven emissions only and 4604 (as amended December 17, 1992), formerly District Rule 460.4. A permit shield is granted from these requirements. [District Rule 2520, 13.2]
14. The requirements of District Rule 4661 (as amended December 17, 1992) do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2]
15. The requirements of 40 CFR 60 Subparts TT and WW do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2]

## **Initial TV Permit**

16. All coatings and solvents shall be stored in closed containers. [District NSR Rule], [Federally Enforceable Through Title V]
17. The District must be made aware of and approval granted prior to any change in type or chemical formulation of the end seal compound or clean-up solvents used in the plant. [District NSR Rule], [Federally Enforceable Through Title V]

**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** N-2174-16-1

**EXPIRATION DATE:** 09/30/2002

**EQUIPMENT DESCRIPTION:**  
END MANUFACTURING LINE #5

## **PERMIT UNIT REQUIREMENTS**

1. End sealing compound operations shall not use or apply any coating with a VOC content in excess of 440 grams of VOC per liter of coating, as applied, excluding water and exempt compounds. [District Rule 4604, 5.1]
2. Operator shall maintain and have available during an inspection, a current list of coatings in use providing all of coating data necessary to evaluate compliance including the following information as applicable: 1) specific coatings, catalysts, and reducers used, 2) mix ratio of components used, 3) VOC content of each coating, as applied, and 4) VOC content of each solvent used for cleanup and surface preparation. [District Rule 4604, 6.1.1]
3. Records shall be maintained on a daily basis including the following information: 1) specific coating used and mix ratio of components added to the coating material prior to application, 2) volume of coating applied (gallons), 3) specific solvents used, and 4) volume of each solvent used for cleanup and surface preparation (gallons). [District Rule 4604, 6.1.2]
4. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201, 3.1; County Rules 402 (Madera) and 404 (Kings, Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus)]
5. Sulfur compound emissions shall not exceed 0.2% by volume calculated as SO<sub>2</sub> averaged over 15 minutes. [County Rules 404 (Madera), 406 (Fresno), and 407 (Kern, Kings, Merced, San Joaquin, and Stanislaus)]
6. Curing ovens shall be induction heated or fired on either PUC-regulated natural gas with a sulfur content of 0.017% by weight or less; or propane with a sulfur content 0.019% by weight or less. When firing on propane, compliance with fuel sulfur content limit may be demonstrated by maintaining supplier certification of fuel sulfur content; or by fuel analysis for sulfur content. The source shall maintain on file copies of all natural gas and propane bills and records of supplier certifications. [District Rule 2520, 9.1]
7. When complying with sulfur emission limit by propane fuel analysis, each shipment of propane fuel must be analyzed within the preceding 12 months prior to being fired in the curing oven. [District Rule 2520, 9.4.2]
8. Propane fuel sulfur content analysis shall be determined using ASTM D 1072-80, D 3031-81, D 4084-82, D 3246-81 or grab sample analysis by GC-FPD/TCD performed in the laboratory. [District Rule 2520, 9.4.2]
9. VOC content of coating(s), as applied, and of solvents used for cleanup and surface preparation shall be determined by EPA Method 24 and analysis of halogenated exempt compounds shall be determined by ARB Method 432 on an annual basis. If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.4.2 and 4604, 6.2.1]
10. All records of required monitoring data and support information shall be maintained for at least five years. [District Rule 2520, 9.5.2]
11. No two-piece beverage can surface coating unit which may be part of this permit unit shall be used in soft drink or beer (including malt liquor) can manufacturing operations. This prohibition does not apply to coating of containers in which fruit or vegetable juices are packaged. [District Rule 2520, 9.1]
12. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: County Rules 402, (Madera), 404 (Kings, Merced, Kern, Tulare, San Joaquin, Stanislaus, and Fresno), 404 (Madera) for curing oven fuel emissions only, 406 (Fresno) for curing oven fuel emissions only, and 407 (Kern, Kings, Merced, San Joaquin, Stanislaus, and Tulare) for curing oven fuel emissions only. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
13. Compliance with permit conditions in the Title V permit shall be deemed compliance with the requirements of SJVUAPCD Rules 4201 (as amended December 17, 1992) for curing oven emissions only and 4604 (as amended December 17, 1992), formerly District Rule 460.4. A permit shield is granted from these requirements. [District Rule 2520, 13.2]
14. The requirements of District Rule 4661 (as amended December 17, 1992) do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2]
15. The requirements of 40 CFR 60 Subparts TT and WW do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2]

## **Initial TV Permit**

16. All coatings and solvents shall be stored in closed containers. [District NSR Rule], [Federally Enforceable Through Title V]
17. The District must be made aware of and approval granted prior to any change in type or chemical formulation of the end seal compound or clean-up solvents used in the plant. [District NSR Rule], [Federally Enforceable Through Title V]

**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** N-2174-17-1

**EXPIRATION DATE:** 09/30/2002

**EQUIPMENT DESCRIPTION:**  
**END MANUFACTURING LINE #6**

## **PERMIT UNIT REQUIREMENTS**

1. End sealing compound operations shall not use or apply any coating with a VOC content in excess of 440 grams of VOC per liter of coating, as applied, excluding water and exempt compounds. [District Rule 4604, 5.1]
2. Operator shall maintain and have available during an inspection, a current list of coatings in use providing all of coating data necessary to evaluate compliance including the following information as applicable: 1) specific coatings, catalysts, and reducers used, 2) mix ratio of components used, 3) VOC content of each coating, as applied, and 4) VOC content of each solvent used for cleanup and surface preparation. [District Rule 4604, 6.1.1]
3. Records shall be maintained on a daily basis including the following information: 1) specific coating used and mix ratio of components added to the coating material prior to application, 2) volume of coating applied (gallons), 3) specific solvents used, and 4) volume of each solvent used for cleanup and surface preparation (gallons). [District Rule 4604, 6.1.2]
4. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201, 3.1; County Rules 402 (Madera) and 404 (Kings, Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus)]
5. Sulfur compound emissions shall not exceed 0.2% by volume calculated as SO<sub>2</sub> averaged over 15 minutes. [County Rules 404 (Madera), 406 (Fresno), and 407 (Kern, Kings, Merced, San Joaquin, and Stanislaus)]
6. Curing ovens shall be induction heated or fired on either PUC-regulated natural gas with a sulfur content of 0.017% by weight or less; or propane with a sulfur content 0.019% by weight or less. When firing on propane, compliance with fuel sulfur content limit may be demonstrated by maintaining supplier certification of fuel sulfur content; or by fuel analysis for sulfur content. The source shall maintain on file copies of all natural gas and propane bills and records of supplier certifications. [District Rule 2520, 9.1]
7. When complying with sulfur emission limit by propane fuel analysis, each shipment of propane fuel must be analyzed within the preceding 12 months prior to being fired in the curing oven. [District Rule 2520, 9.4.2]
8. Propane fuel sulfur content analysis shall be determined using ASTM D 1072-80, D 3031-81, D 4084-82, D 3246-81 or grab sample analysis by GC-FPD/TCD performed in the laboratory. [District Rule 2520, 9.4.2]
9. VOC content of coating(s), as applied, and of solvents used for cleanup and surface preparation shall be determined by EPA Method 24 and analysis of halogenated exempt compounds shall be determined by ARB Method 432 on an annual basis. If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.4.2 and 4604, 6.2.1]
10. All records of required monitoring data and support information shall be maintained for at least five years. [District Rule 2520, 9.5.2]
11. No two-piece beverage can surface coating unit which may be part of this permit unit shall be used in soft drink or beer (including malt liquor) can manufacturing operations. This prohibition does not apply to coating of containers in which fruit or vegetable juices are packaged. [District Rule 2520, 9.1]
12. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: County Rules 402, (Madera), 404 (Kings, Merced, Kern, Tulare, San Joaquin, Stanislaus, and Fresno), 404 (Madera) for curing oven fuel emissions only, 406 (Fresno) for curing oven fuel emissions only, and 407 (Kern, Kings, Merced, San Joaquin, Stanislaus, and Tulare) for curing oven fuel emissions only. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
13. Compliance with permit conditions in the Title V permit shall be deemed compliance with the requirements of SJVUAPCD Rules 4201 (as amended December 17, 1992) for curing oven emissions only and 4604 (as amended December 17, 1992), formerly District Rule 460.4. A permit shield is granted from these requirements. [District Rule 2520, 13.2]
14. The requirements of District Rule 4661 (as amended December 17, 1992) do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2]
15. The requirements of 40 CFR 60 Subparts TT and WW do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2]

## **Initial TV Permit**

16. All coatings and solvents shall be stored in closed containers. [District NSR Rule], [Federally Enforceable Through Title V]
17. The District must be made aware of and approval granted prior to any change in type or chemical formulation of the end seal compound or clean-up solvents used in the plant. [District NSR Rule], [Federally Enforceable Through Title V]

**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** N-2174-18-1

**EXPIRATION DATE:** 09/30/2002

**EQUIPMENT DESCRIPTION:**  
**END MANUFACTURING LINE #7**

## **PERMIT UNIT REQUIREMENTS**

1. End sealing compound operations shall not use or apply any coating with a VOC content in excess of 440 grams of VOC per liter of coating, as applied, excluding water and exempt compounds. [District Rule 4604, 5.1]
2. Operator shall maintain and have available during an inspection, a current list of coatings in use providing all of coating data necessary to evaluate compliance including the following information as applicable: 1) specific coatings, catalysts, and reducers used, 2) mix ratio of components used, 3) VOC content of each coating, as applied, and 4) VOC content of each solvent used for cleanup and surface preparation. [District Rule 4604, 6.1.1]
3. Records shall be maintained on a daily basis including the following information: 1) specific coating used and mix ratio of components added to the coating material prior to application, 2) volume of coating applied (gallons), 3) specific solvents used, and 4) volume of each solvent used for cleanup and surface preparation (gallons). [District Rule 4604, 6.1.2]
4. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201, 3.1; County Rules 402 (Madera) and 404 (Kings, Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus)]
5. Sulfur compound emissions shall not exceed 0.2% by volume calculated as SO<sub>2</sub> averaged over 15 minutes. [County Rules 404 (Madera), 406 (Fresno), and 407 (Kern, Kings, Merced, San Joaquin, and Stanislaus)]
6. Curing ovens shall be induction heated or fired on either PUC-regulated natural gas with a sulfur content of 0.017% by weight or less; or propane with a sulfur content 0.019% by weight or less. When firing on propane, compliance with fuel sulfur content limit may be demonstrated by maintaining supplier certification of fuel sulfur content; or by fuel analysis for sulfur content. The source shall maintain on file copies of all natural gas and propane bills and records of supplier certifications. [District Rule 2520, 9.1]
7. When complying with sulfur emission limit by propane fuel analysis, each shipment of propane fuel must be analyzed within the preceding 12 months prior to being fired in the curing oven. [District Rule 2520, 9.4.2]
8. Propane fuel sulfur content analysis shall be determined using ASTM D 1072-80, D 3031-81, D 4084-82, D 3246-81 or grab sample analysis by GC-FPD/TCD performed in the laboratory. [District Rule 2520, 9.4.2]
9. VOC content of coating(s), as applied, and of solvents used for cleanup and surface preparation shall be determined by EPA Method 24 and analysis of halogenated exempt compounds shall be determined by ARB Method 432 on an annual basis. If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.4.2 and 4604, 6.2.1]
10. All records of required monitoring data and support information shall be maintained for at least five years. [District Rule 2520, 9.5.2]
11. No two-piece beverage can surface coating unit which may be part of this permit unit shall be used in soft drink or beer (including malt liquor) can manufacturing operations. This prohibition does not apply to coating of containers in which fruit or vegetable juices are packaged. [District Rule 2520, 9.1]
12. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: County Rules 402, (Madera), 404 (Kings, Merced, Kern, Tulare, San Joaquin, Stanislaus, and Fresno), 404 (Madera) for curing oven fuel emissions only, 406 (Fresno) for curing oven fuel emissions only, and 407 (Kern, Kings, Merced, San Joaquin, Stanislaus, and Tulare) for curing oven fuel emissions only. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
13. Compliance with permit conditions in the Title V permit shall be deemed compliance with the requirements of SJVUAPCD Rules 4201 (as amended December 17, 1992) for curing oven emissions only and 4604 (as amended December 17, 1992), formerly District Rule 460.4. A permit shield is granted from these requirements. [District Rule 2520, 13.2]
14. The requirements of District Rule 4661 (as amended December 17, 1992) do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2]
15. The requirements of 40 CFR 60 Subparts TT and WW do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2]

## **Initial TV Permit**

16. All coatings and solvents shall be stored in closed containers. [District NSR Rule], [Federally Enforceable Through Title V]
17. The District must be made aware of and approval granted prior to any change in type or chemical formulation of the end seal compound or clean-up solvents used in the plant. [District NSR Rule], [Federally Enforceable Through Title V]

**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** N-2174-19-1

**EXPIRATION DATE:** 09/30/2002

**EQUIPMENT DESCRIPTION:**  
END MANUFACTURING LINE #8

## **PERMIT UNIT REQUIREMENTS**

1. End sealing compound operations shall not use or apply any coating with a VOC content in excess of 440 grams of VOC per liter of coating, as applied, excluding water and exempt compounds. [District Rule 4604, 5.1]
2. Operator shall maintain and have available during an inspection, a current list of coatings in use providing all of coating data necessary to evaluate compliance including the following information as applicable: 1) specific coatings, catalysts, and reducers used, 2) mix ratio of components used, 3) VOC content of each coating, as applied, and 4) VOC content of each solvent used for cleanup and surface preparation. [District Rule 4604, 6.1.1]
3. Records shall be maintained on a daily basis including the following information: 1) specific coating used and mix ratio of components added to the coating material prior to application, 2) volume of coating applied (gallons), 3) specific solvents used, and 4) volume of each solvent used for cleanup and surface preparation (gallons). [District Rule 4604, 6.1.2]
4. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201, 3.1; County Rules 402 (Madera) and 404 (Kings, Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus)]
5. Sulfur compound emissions shall not exceed 0.2% by volume calculated as SO<sub>2</sub> averaged over 15 minutes. [County Rules 404 (Madera), 406 (Fresno), and 407 (Kern, Kings, Merced, San Joaquin, and Stanislaus)]
6. Curing ovens shall be induction heated or fired on either PUC-regulated natural gas with a sulfur content of 0.017% by weight or less; or propane with a sulfur content 0.019% by weight or less. When firing on propane, compliance with fuel sulfur content limit may be demonstrated by maintaining supplier certification of fuel sulfur content; or by fuel analysis for sulfur content. The source shall maintain on file copies of all natural gas and propane bills and records of supplier certifications. [District Rule 2520, 9.1]
7. When complying with sulfur emission limit by propane fuel analysis, each shipment of propane fuel must be analyzed within the preceding 12 months prior to being fired in the curing oven. [District Rule 2520, 9.4.2]
8. Propane fuel sulfur content analysis shall be determined using ASTM D 1072-80, D 3031-81, D 4084-82, D 3246-81 or grab sample analysis by GC-FPD/TCD performed in the laboratory. [District Rule 2520, 9.4.2]
9. VOC content of coating(s), as applied, and of solvents used for cleanup and surface preparation shall be determined by EPA Method 24 and analysis of halogenated exempt compounds shall be determined by ARB Method 432 on an annual basis. If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.4.2 and 4604, 6.2.1]
10. All records of required monitoring data and support information shall be maintained for at least five years. [District Rule 2520, 9.5.2]
11. No two-piece beverage can surface coating unit which may be part of this permit unit shall be used in soft drink or beer (including malt liquor) can manufacturing operations. This prohibition does not apply to coating of containers in which fruit or vegetable juices are packaged. [District Rule 2520, 9.1]
12. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: County Rules 402, (Madera), 404 (Kings, Merced, Kern, Tulare, San Joaquin, Stanislaus, and Fresno), 404 (Madera) for curing oven fuel emissions only, 406 (Fresno) for curing oven fuel emissions only, and 407 (Kern, Kings, Merced, San Joaquin, Stanislaus, and Tulare) for curing oven fuel emissions only. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
13. Compliance with permit conditions in the Title V permit shall be deemed compliance with the requirements of SJVUAPCD Rules 4201 (as amended December 17, 1992) for curing oven emissions only and 4604 (as amended December 17, 1992), formerly District Rule 460.4. A permit shield is granted from these requirements. [District Rule 2520, 13.2]
14. The requirements of District Rule 4661 (as amended December 17, 1992) do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2]
15. The requirements of 40 CFR 60 Subparts TT and WW do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2]

## **Initial TV Permit**

16. All coatings and solvents shall be stored in closed containers. [District NSR Rule], [Federally Enforceable Through Title V]
17. The District must be made aware of and approval granted prior to any change in type or chemical formulation of the end seal compound or clean-up solvents used in the plant. [District NSR Rule], [Federally Enforceable Through Title V]

## Initial TV Permit

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-2174-20-1

**EXPIRATION DATE:** 09/30/2002

**EQUIPMENT DESCRIPTION:**  
END MANUFACTURING LINE #9

## PERMIT UNIT REQUIREMENTS

1. End sealing compound operations shall not use or apply any coating with a VOC content in excess of 440 grams of VOC per liter of coating, as applied, excluding water and exempt compounds. [District Rule 4604, 5.1]
2. Operator shall maintain and have available during an inspection, a current list of coatings in use providing all of coating data necessary to evaluate compliance including the following information as applicable: 1) specific coatings, catalysts, and reducers used, 2) mix ratio of components used, 3) VOC content of each coating, as applied, and 4) VOC content of each solvent used for cleanup and surface preparation. [District Rule 4604, 6.1.1]
3. Records shall be maintained on a daily basis including the following information: 1) specific coating used and mix ratio of components added to the coating material prior to application, 2) volume of coating applied (gallons), 3) specific solvents used, and 4) volume of each solvent used for cleanup and surface preparation (gallons). [District Rule 4604, 6.1.2]
4. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201, 3.1; County Rules 402 (Madera) and 404 (Kings, Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus)]
5. Sulfur compound emissions shall not exceed 0.2% by volume calculated as SO<sub>2</sub> averaged over 15 minutes. [County Rules 404 (Madera), 406 (Fresno), and 407 (Kern, Kings, Merced, San Joaquin, and Stanislaus)]
6. Curing ovens shall be induction heated or fired on either PUC-regulated natural gas with a sulfur content of 0.017% by weight or less; or propane with a sulfur content 0.019% by weight or less. When firing on propane, compliance with fuel sulfur content limit may be demonstrated by maintaining supplier certification of fuel sulfur content; or by fuel analysis for sulfur content. The source shall maintain on file copies of all natural gas and propane bills and records of supplier certifications. [District Rule 2520, 9.1]
7. When complying with sulfur emission limit by propane fuel analysis, each shipment of propane fuel must be analyzed within the preceding 12 months prior to being fired in the curing oven. [District Rule 2520, 9.4.2]
8. Propane fuel sulfur content analysis shall be determined using ASTM D 1072-80, D 3031-81, D 4084-82, D 3246-81 or grab sample analysis by GC-FPD/TCD performed in the laboratory. [District Rule 2520, 9.4.2]
9. VOC content of coating(s), as applied, and of solvents used for cleanup and surface preparation shall be determined by EPA Method 24 and analysis of halogenated exempt compounds shall be determined by ARB Method 432 on an annual basis. If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.4.2 and 4604, 6.2.1]
10. All records of required monitoring data and support information shall be maintained for at least five years. [District Rule 2520, 9.5.2]
11. No two-piece beverage can surface coating unit which may be part of this permit unit shall be used in soft drink or beer (including malt liquor) can manufacturing operations. This prohibition does not apply to coating of containers in which fruit or vegetable juices are packaged. [District Rule 2520, 9.1]
12. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: County Rules 402, (Madera), 404 (Kings, Merced, Kern, Tulare, San Joaquin, Stanislaus, and Fresno), 404 (Madera) for curing oven fuel emissions only, 406 (Fresno) for curing oven fuel emissions only, and 407 (Kern, Kings, Merced, San Joaquin, Stanislaus, and Tulare) for curing oven fuel emissions only. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
13. Compliance with permit conditions in the Title V permit shall be deemed compliance with the requirements of SJVUAPCD Rules 4201 (as amended December 17, 1992) for curing oven emissions only and 4604 (as amended December 17, 1992), formerly District Rule 460.4. A permit shield is granted from these requirements. [District Rule 2520, 13.2]
14. The requirements of District Rule 4661 (as amended December 17, 1992) do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2]
15. The requirements of 40 CFR 60 Subparts TT and WW do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2]

## **Initial TV Permit**

16. All coatings and solvents shall be stored in closed containers. [District NSR Rule], [Federally Enforceable Through Title V]
17. The District must be made aware of and approval granted prior to any change in type or chemical formulation of the end seal compound or clean-up solvents used in the plant. [District NSR Rule], [Federally Enforceable Through Title V]

## Initial TV Permit

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-2174-21-1

**EXPIRATION DATE:** 09/30/2002

**EQUIPMENT DESCRIPTION:**

END MANUFACTURING LINE #10

## PERMIT UNIT REQUIREMENTS

1. End sealing compound operations shall not use or apply any coating with a VOC content in excess of 440 grams of VOC per liter of coating, as applied, excluding water and exempt compounds. [District Rule 4604, 5.1]
2. Operator shall maintain and have available during an inspection, a current list of coatings in use providing all of coating data necessary to evaluate compliance including the following information as applicable: 1) specific coatings, catalysts, and reducers used, 2) mix ratio of components used, 3) VOC content of each coating, as applied, and 4) VOC content of each solvent used for cleanup and surface preparation. [District Rule 4604, 6.1.1]
3. Records shall be maintained on a daily basis including the following information: 1) specific coating used and mix ratio of components added to the coating material prior to application, 2) volume of coating applied (gallons), 3) specific solvents used, and 4) volume of each solvent used for cleanup and surface preparation (gallons). [District Rule 4604, 6.1.2]
4. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201, 3.1; County Rules 402 (Madera) and 404 (Kings, Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus)]
5. Sulfur compound emissions shall not exceed 0.2% by volume calculated as SO<sub>2</sub> averaged over 15 minutes. [County Rules 404 (Madera), 406 (Fresno), and 407 (Kern, Kings, Merced, San Joaquin, and Stanislaus)]
6. Curing ovens shall be induction heated or fired on either PUC-regulated natural gas with a sulfur content of 0.017% by weight or less; or propane with a sulfur content 0.019% by weight or less. When firing on propane, compliance with fuel sulfur content limit may be demonstrated by maintaining supplier certification of fuel sulfur content; or by fuel analysis for sulfur content. The source shall maintain on file copies of all natural gas and propane bills and records of supplier certifications. [District Rule 2520, 9.1]
7. When complying with sulfur emission limit by propane fuel analysis, each shipment of propane fuel must be analyzed within the preceding 12 months prior to being fired in the curing oven. [District Rule 2520, 9.4.2]
8. Propane fuel sulfur content analysis shall be determined using ASTM D 1072-80, D 3031-81, D 4084-82, D 3246-81 or grab sample analysis by GC-FPD/TCD performed in the laboratory. [District Rule 2520, 9.4.2]
9. VOC content of coating(s), as applied, and of solvents used for cleanup and surface preparation shall be determined by EPA Method 24 and analysis of halogenated exempt compounds shall be determined by ARB Method 432 on an annual basis. If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.4.2 and 4604, 6.2.1]
10. All records of required monitoring data and support information shall be maintained for at least five years. [District Rule 2520, 9.5.2]
11. No two-piece beverage can surface coating unit which may be part of this permit unit shall be used in soft drink or beer (including malt liquor) can manufacturing operations. This prohibition does not apply to coating of containers in which fruit or vegetable juices are packaged. [District Rule 2520, 9.1]
12. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: County Rules 402, (Madera), 404 (Kings, Merced, Kern, Tulare, San Joaquin, Stanislaus, and Fresno), 404 (Madera) for curing oven fuel emissions only, 406 (Fresno) for curing oven fuel emissions only, and 407 (Kern, Kings, Merced, San Joaquin, Stanislaus, and Tulare) for curing oven fuel emissions only. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
13. Compliance with permit conditions in the Title V permit shall be deemed compliance with the requirements of SJVUAPCD Rules 4201 (as amended December 17, 1992) for curing oven emissions only and 4604 (as amended December 17, 1992), formerly District Rule 460.4. A permit shield is granted from these requirements. [District Rule 2520, 13.2]
14. The requirements of District Rule 4661 (as amended December 17, 1992) do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2]
15. The requirements of 40 CFR 60 Subparts TT and WW do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2]

## **Initial TV Permit**

16. All coatings and solvents shall be stored in closed containers. [District NSR Rule], [Federally Enforceable Through Title V]
17. The District must be made aware of and approval granted prior to any change in type or chemical formulation of the end seal compound or clean-up solvents used in the plant. [District NSR Rule], [Federally Enforceable Through Title V]

**Initial TV Permit**  
**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** N-2174-22-0

**EXPIRATION DATE:** 09/30/2002

**EQUIPMENT DESCRIPTION:**  
END MANUFACTURING LINE #11

## **PERMIT UNIT REQUIREMENTS**

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1. Records shall be kept in accordance with Rule 4604 (Can and Coil Coating Operations). [District Rule 4604]
2. Maintain a daily record of the volume of coatings and solvents applied, the VOC content of coatings as applied, and the total quantity of VOC emitted in pounds. [District Rule 1070]
3. The end manufacturing operation shall comply with Rule 4604 (Can and Coil Coating Operation). [District Rule 4604]
4. The District must be made aware of and approval granted prior to any change in type or chemical formulation of the end seal compound or clean-up solvents used in the plant. [District NSR Rule]

**Initial TV Permit**  
**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** N-2174-23-0

**EXPIRATION DATE:** 09/30/2002

**EQUIPMENT DESCRIPTION:**  
END MANUFACTURING LINE #12

## **PERMIT UNIT REQUIREMENTS**

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1. Records shall be kept in accordance with Rule 4604 (Can and Coil Coating Operations). [District Rule 4604]
2. Maintain a daily record of the volume of coatings and solvents applied, the VOC content of coatings as applied, and the total quantity of VOC emitted in pounds. [District Rule 1070]
3. The end manufacturing operation shall comply with Rule 4604 (Can and Coil Coating Operation). [District Rule 4604]
4. The District must be made aware of and approval granted prior to any change in type or chemical formulation of the end seal compound or clean-up solvents used in the plant. [District NSR Rule]

**Initial TV Permit**  
**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** N-2174-24-0

**EXPIRATION DATE:** 09/30/2002

**EQUIPMENT DESCRIPTION:**

ONE (1) 5,000 GALLON FIXED ROOF STORAGE TANK (TANK HW) FOR WASTE COATINGS AND SOLVENTS.

## **PERMIT UNIT REQUIREMENTS**

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1. Only hazardous waste shall be stored in this tank. [District Rule 2201]
2. The maximum amount of material throughput shall not exceed 5,000 gallons in any one day and 60,000 gallons in any one calendar year. [District Rule 2201]
3. The storage tank shall be equipped with pressure/vacuum valves set to within 10 percent of the maximum working pressure of the tank. [District Rule 2201]
4. Records shall be maintained on the premises indicating the daily amount of material loaded into the tank and the cumulative annual amount of material loaded into the tank. [District Rule 2201]

**Initial TV Permit**  
**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** N-2174-25-0

**EXPIRATION DATE:** 09/30/2002

**EQUIPMENT DESCRIPTION:**

ONE (1) 10,000 GALLON FIXED ROOF STORAGE TANK (TANK EC) FOR EPOXY COATING.

## **PERMIT UNIT REQUIREMENTS**

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1. Only epoxy coating shall be stored in this tank. [District Rule 2201]
2. The maximum amount of material throughput shall not exceed 5,000 gallons in any one day and 120,000 gallons in any one calendar year. [District Rule 2201]
3. The storage tank shall be equipped with pressure/vacuum valves set to within 10 percent of the maximum working pressure of the tank. [District Rule 2201]
4. Records shall be maintained on the premises indicating the daily amount of material loaded into the tank and the cumulative annual amount of material loaded into the tank. [District Rule 2201]

**Initial TV Permit**  
**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** N-2174-26-0

**EXPIRATION DATE:** 09/30/2002

**EQUIPMENT DESCRIPTION:**

ONE (1) 2,000 GALLON FIXED ROOF STORAGE TANK (TANK M) FOR METHYL ETHYL KETONE.

## **PERMIT UNIT REQUIREMENTS**

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1. Only Methyl Ethyl Ketone shall be stored in this tank. [District Rule 2201]
2. The maximum amount of material throughput shall not exceed 1,900 gallons in any one day and 22,800 gallons in any one calendar year. [District Rule 2201]
3. The storage tank shall be equipped with pressure/vacuum valves set to within 10 percent of the maximum working pressure of the tank. [District Rule 2201]
4. Records shall be maintained on the premises indicating the daily amount of material loaded into the tank and the cumulative annual amount of material loaded into the tank. [District Rule 2201]

**Initial TV Permit**  
**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** N-2174-27-0

**EXPIRATION DATE:** 09/30/2002

**EQUIPMENT DESCRIPTION:**

ONE (1) 4,000 GALLON FIXED ROOF STORAGE TANK (TANK RS) FOR RECLAIMED SOLVENT.

## **PERMIT UNIT REQUIREMENTS**

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1. Only reclaimed solvent shall be stored in this tank. [District Rule 2201]
2. The maximum amount of material throughput shall not exceed 3,723 gallons in any one day and 37,500 gallons in any one calendar year. [District Rule 2201]
3. The storage tank shall be equipped with pressure/vacuum valves set to within 10 percent of the maximum working pressure of the tank. [District Rule 2201]
4. Records shall be maintained on the premises indicating the daily amount of material loaded into the tank and the cumulative annual amount of material loaded into the tank. [District Rule 2201]

## Initial TV Permit

### San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-2174-28-0

**EXPIRATION DATE:** 09/30/2002

**EQUIPMENT DESCRIPTION:**

ONE (1) 7,000 GALLON FIXED ROOF STORAGE TANK (TANK ESC) FOR END SEALING COMPOUND.

## PERMIT UNIT REQUIREMENTS

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1. See facility wide requirements for requirements applicable to this permit unit. [District Rule 2080]

## Initial TV Permit